CROPS

"Patches of Pumpkins"
Photographer ~~ Austin Blake
Age 10, Noblesville, IN

"Big Green Machines"
Photographer ~~ Hanah Crowe
Age 18, Bloomfield, IN

Crop Highlights	Record Highs & Lows	Yield Trends
Crop Summary	Grain & Hay Stocks	Farm Marketings
Row Spacing	Fertilizer Usage	Crop Production Costs

CROP HIGHLIGHTS

ACREAGE: Indiana's five major field crops totaled 12.1 million acres for harvest during 2009, down one percent from the 2008 harvested acreage. Corn acreage for harvest was unchanged from a year ago, while soybean acreage for harvest was up slightly from 2009. Winter wheat harvested acreage was down 20 percent from a year ago, but all hay harvested acreage was up 5 percent from the 2008 level. Oat acreage for harvest increased 40 percent from 2008. Other crops showing harvested acreage changes were tomatoes for processing, up 18 percent while tomatoes for fresh market decreased 11 percent. Sweet corn acreage for harvest increased 13 percent and watermelon harvested acreage increased 3 percent from 2008. In addition, snap beans for processing decreased 2 percent, while cucumbers for processing decreased 12 percent from 2008. Furthermore, cantaloupes for fresh market decreased 4 percent.

YIELDS: The 2009 growing season got off to a slow start due to cold, wet soil conditions. On the 6th of April, many areas of the state encountered snow with some northern areas receiving up to 3 inches. During late April and early May persistent rain showers kept farmers out of the fields, and by May 31st, only 78 percent of the intended corn acreage and 50 percent of the soybean acreage had been planted. Some farmers were still trying to plant corn during the second week of June, but many had either switched to soybeans or had taken preventive plantings. It was difficult for farmers to find enough rain-free days in a row to cut and bail hay without it getting wet. Winter wheat harvest progressed at a mostly normal pace across the state with good yields obtained in most areas. Below normal temperatures during July slowed crop development causing concern of potential damage from an early frost. Field crops in some northern counties were under stress from dry conditions in early and mid August while a few central and southern counties experienced flooding. Sudden death syndrome (SDS) and white mold were problems in many soybean fields. Corn and soybeans were very slow to mature, and by mid October, corn harvest was over 20 days behind the average pace. At this same time, the soybean harvest briefly fell to a new record low pace, but moved out of this territory by the end of the month. Moisture content in harvested corn and soybeans remained higher than desired resulting in a large portion of the crops needing to be dried to prevent spoilage. Corn harvest lagged behind the normal pace all fall and by November 22nd it was the latest since 1992. Finally by December 6th, 91 percent of the corn acreage had been harvested and the soybean harvest was virtually complete. Mold was a severe problem in harvested corn resulting in considerable price dockage at the elevator with some corn being rejected entirely. The average yield for corn in 2009 was 171 bushels per acre, 11 bushels above the 2008 yield setting a new record high. The average yield for soybeans was 49 bushels per acre, 4 bushels above the 2008 yield. The average yield for winter wheat at 67 bushels per acre was 2 bushels below the previous year's yield of 69 bushels per acre. The average oat yield at 69 bushels per acre was down 6 bushels from last year's yield of 75 bushels per acre. All hay yield at 2.77 tons per acre was down from the 2008 yield of 3.16 tons per acre. Popcorn averaged 4,300 pounds per acre, down 200 pounds from the 4,500 pounds per acre produced a year earlier.

PRODUCTION: Corn produced during 2009 totaled 933.7 million bushels, 7 percent above the 2008 level of 873.6 million bushels. Soybean production was 266.6 million bushels, 9 percent above the 244.4 million bushels produced a year earlier. Winter wheat production decreased 22 percent from a year earlier, to 30.2 million bushels. Popcorn production totaled 258.0 million pounds, 6 percent below the 2008 level. Oat production of 483 thousand bushels was 29 percent above the 375 thousand bushels produced in 2008. All hay production, at 1.7 million tons, decreased 8 percent. Peppermint production increased 47 percent while spearmint production increased 6 percent from 2008. Apple production increased 30 percent to 30.0 million pounds. Blueberry production totaled 3.7 million pounds, a 3 percent decrease from the previous year.

"Flying Fertilizer"
Photographer ~~ Cameron Moore
Age 18, Howe, IN

RECORD HIGHS & LOWS

CROPS: RECORD HIGHS & LOWS
ACREAGE, YIELD & PRODUCTION, INDIANA

Crop	Unit	Record High 1/		Record Low 1/		Year Series Began
		Quantity	Year	Quantity	Year	
Corn for Grain						
Harvested Acreage	Acres	6,370,000	2007	1,950,000	1866	1866
Yield Per Acre	Bushels	**171.0**	**2009**	22.0	1901	
Total Production	Bushels	980,980,000	2007	52,275,000	1869	
Corn for Silage						
Harvested Acreage	Acres	225,000	1974	51,000	1943	1919
Yield Per Acre	Tons	21.0	2006	5.5	1936	
Total Production	Tons	3,045,000	1976	408,000	1943	
Soybeans						
Harvested Acreage	Acres	5,770,000	2002	40,000	1925	1924
Yield Per Acre	Bushels	51.5	2004	9.9	1924	
Total Production	Bushels	284,280,000	2004	400,000	1925	
Winter Wheat						
Harvested Acreage	Acres	2,788,000	1919	310,000	2002	1909
Yield Per Acre	Bushels	72.0	2005	8.0	1912	
Total Production	Bushels	61,600,000	1975	9,975,000	1928	
Oats						
Harvested Acreage	Acres	2,337,000	1928	5,000	2008	1866
Yield Per Acre	Bushels	80.0	2006	15.5	1934	
Total Production	Bushels	86,469,000	1928	375,000	2008	
Rye 2/						
Harvested Acreage	Acres	450,000	1918	2,000	1999	1866
Yield Per Acre	Bushels	38.0	1998	8.5	1896	
Total Production	Bushels	6,750,000	1918	44,000	1996	
All Hay						
Harvested Acreage	Acres	2,534,000	1922	590,000	2008	1866
Yield Per Acre	Tons	3.57	1998	0.60	1895	
Total Production	Tons	3,066,000	1918	840,000	1866	
Alfalfa Hay						
Harvested Acreage	Acres	775,000	1956	62,000	1919	1866
Yield Per Acre	Tons	4.10	2006	1.40	1936	
Total Production	Tons	1,763,000	2000	107,000	1919	

1/ All records reported for most recent year established.
2/ Estimates discontinued in 1999.

RECORD HIGHS & LOWS

CROPS: RECORD HIGHS & LOWS
ACREAGE, YIELD & PRODUCTION, INDIANA (continued)

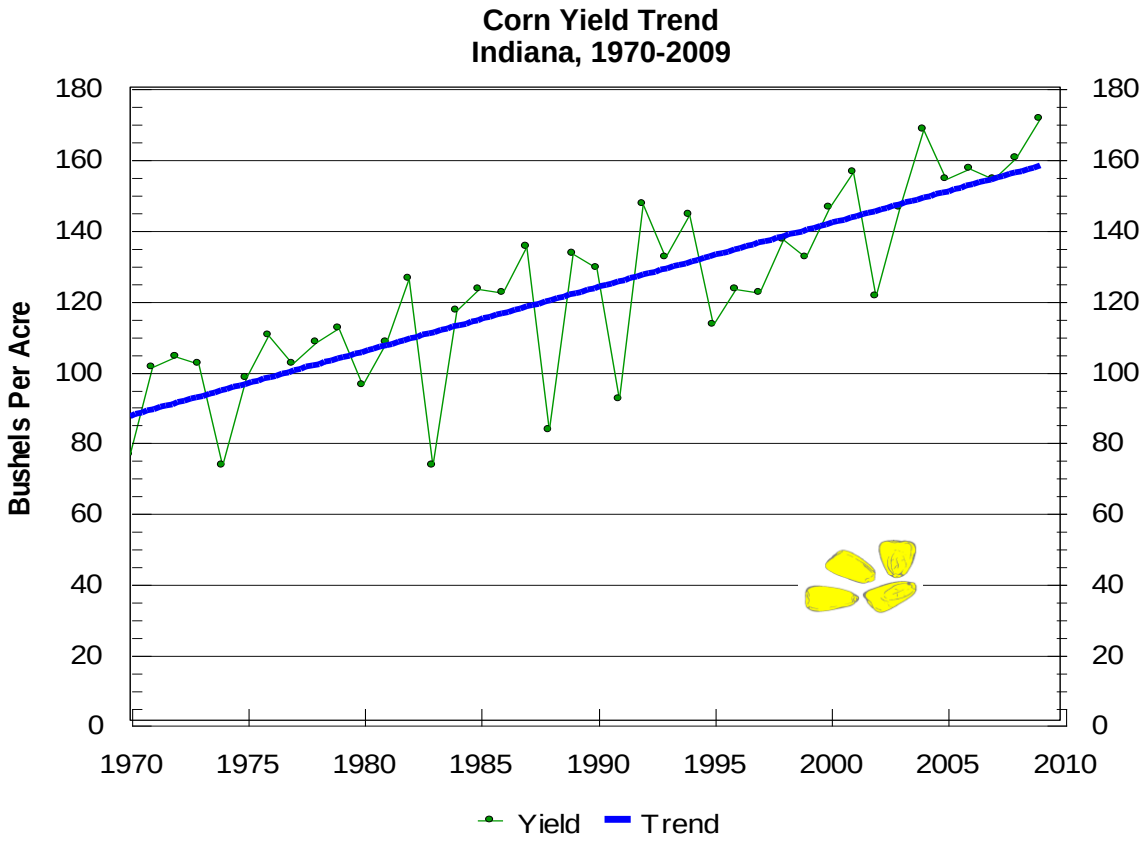
Crop	Unit	Record High 1/		Record Low 1/		Year Series Began
		Quantity	Year	Quantity	Year	
All Tobacco 2/						
Harvested Acreage	Acres	30,000	1910	3,800	2000	1866
Yield Per Acre	Pounds	2,700	1970	400	1887	
Total Production	Pounds	24,900,000	1910	3,990,000	1936	
Potatoes 2/						
Harvested Acreage	Acres	116,000	1891	2,800	2002	1866
Yield Per Acre	Cwt	350	2004	18	1901	
Total Production	Cwt	5,746,000	1889	728,000	2002	
Peppermint Oil						
Harvested Acreage	Acres	27,000	1995	4,500	1963	1939
Yield Per Acre	Pounds	**54**	**2009**	18	1943	
Total Production	Pounds	1,104,000	1998	161,000	1960	
Spearmint Oil						
Harvested Acreage	Acres	15,200	1948	1,400	2008	1939
Yield Per Acre	Pounds	58	2008	24	1974	
Total Production	Pounds	532,000	1948	43,000	1939	
Cucumbers for Processing						
Harvested Acreage	Acres	12,500	1930	660	1981	1918
Yield Per Acre	Tons	11.71	1985	0.53	1932	
Total Production	Tons	20,400	1930	1,580	1932	
Tomatoes for Fresh Market						
Harvested Acreage	Acres	6,600	1931	**800**	**2009**	1918
Yield Per Acre	Cwt	165	2001	45	1934	
Total Production	Cwt	428,000	1925	110,000	2006	
Tomatoes for Processing						
Harvested Acreage	Acres	97,300	1935	5,700	1981	1918
Yield Per Acre	Tons	35.00	2007	2.90	1923	
Total Production	Tons	486,000	1941	83,390	1981	
Apples, Commercial						
Total Production	Pounds	400,608,000	1915	20,000,000	2007	1909
Peaches 2/						
Total Production	Pounds	62,064,000	1931	3/		1909

1/ All records reported for most recent year established.
2/ Estimates discontinued in 2005.
3/ Virtually no production because of freeze damage in 1982, 1985 and 1994.

CROP SUMMARY

CORN FORECAST AND FINAL YIELD
INDIANA, 1986-2009

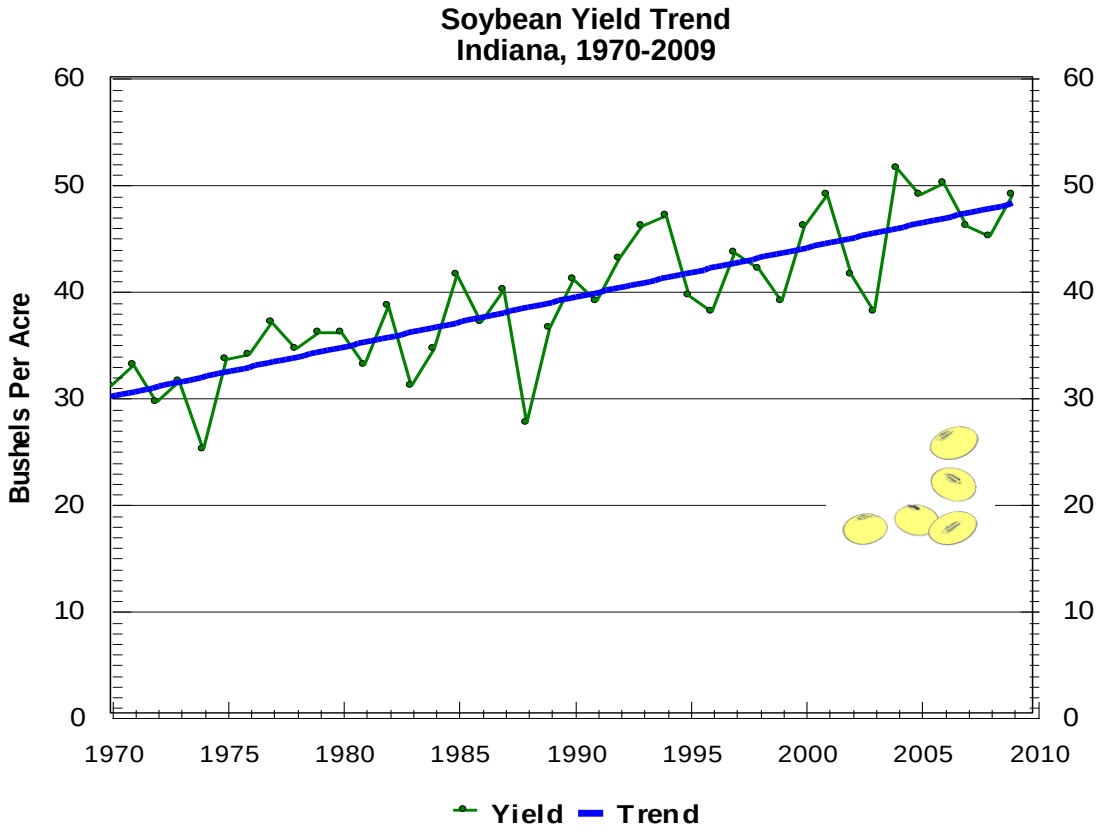
Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
1986	132	129	127	124	122
1987	135	135	135	135	135
1988	70	74	74	78	83
1989	123	128	130	134	133
1990	128	132	132	130	129
1991	98	93	94	94	92
1992	130	130	133	143	147
1993	140	136	133	128	132
1994	132	132	137	141	144
1995	135	125	119	116	113
1996	118	118	120	124	123
1997	127	122	120	120	122
1998	136	139	137	137	137
1999	130	128	128	130	132
2000	155	155	151	147	146
2001	147	152	160	160	156
2002	124	119	117	117	121
2003	144	145	148	150	146
2004	168	168	168	168	168
2005	145	149	149	151	154
2006	167	167	165	159	157
2007	157	160	158	158	154
2008	164	162	160	160	160
2009	**163**	**163**	**166**	**166**	**171**



CROP SUMMARY

SOYBEAN FORECAST AND FINAL YIELD
INDIANA, 1986-2009

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
1986	40.0	39.0	39.0	38.0	37.0
1987	42.0	41.0	40.0	40.0	40.0
1988	29.0	30.0	30.0	28.0	27.5
1989	39.0	39.0	39.0	39.0	36.5
1990	36.0	37.0	39.0	41.0	41.0
1991	35.0	35.0	38.0	39.0	39.0
1992	41.0	41.0	41.0	42.0	43.0
1993	45.0	47.0	47.0	45.0	46.0
1994	43.0	43.0	46.0	46.0	47.0
1995	43.0	44.0	40.0	39.0	39.5
1996	35.0	35.0	38.0	39.0	38.0
1997	44.0	42.0	42.0	44.0	43.5
1998	45.0	45.0	42.0	42.0	42.0
1999	41.0	40.0	39.0	38.0	39.0
2000	46.0	46.0	46.0	46.0	46.0
2001	46.0	48.0	49.0	49.0	49.0
2002	41.0	41.0	40.0	41.0	41.5
2003	43.0	43.0	40.0	38.0	38.0
2004	45.0	45.0	51.0	53.0	51.5
2005	46.0	45.0	46.0	48.0	49.0
2006	49.0	50.0	51.0	51.0	50.0
2007	47.0	43.0	43.0	44.0	46.0
2008	46.0	43.0	42.0	44.0	45.0
2009	**45.0**	**43.0**	**43.0**	**46.0**	**49.0**



CROP SUMMARY

FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2005-2009

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production
	Thousands			Thousands	Dollars	Thousand Dollars
			All Corn			
2005	5,900	---	---	---	---	---
2006	5,500	---	---	---	---	---
2007	6,500	---	---	---	---	---
2008	5,700	---	---	---	---	---
2009	**5,600**	**---**	**---**	**---**	**---**	**---**
			Corn for Grain (Bushels)			
2005	---	5,770	154.0	888,580	2.00	1,777,160
2006	---	5,380	157.0	844,660	3.17	2,677,572
2007	---	6,370	154.0	980,980	4.39	4,306,502
2008	---	5,460	160.0	873,600	4.10	3,581,760
2009	---	**5,460**	**171.0**	**933,660**	**3.75**	**3,501,225**
			Corn for Silage (Tons)			
2005	---	100	20.0	2,000	**---**	**---**
2006	---	100	21.0	2,100	---	---
2007	---	110	18.5	2,035	---	---
2008	---	110	20.0	2,200	---	---
2009	**---**	**110**	**20.0**	**2,200**	**---**	**---**
			Soybeans (Bushels)			
2005	5,400	5,380	49.0	263,620	5.78	1,523,724
2006	5,700	5,680	50.0	284,000	6.53	1,854,520
2007	4,800	4,790	46.0	220,340	10.20	2,247,468
2008	5,450	5,430	45.0	244,350	10.20	2,492,370
2009	**5,450**	**5,440**	**49.0**	**266,560**	**9.55**	**2,545,648**
			Wheat (Bushels)			
2005	360	340	72.0	24,480	3.15	77,112
2006	470	460	68.0	31,280	3.41	106,665
2007	420	370	56.0	20,720	5.20	107,744
2008	580	560	69.0	38,640	5.91	228,362
2009	**470**	**450**	**67.0**	**30,150**	**4.20**	**126,630**
			Oats (Bushels)			
2005	20	9	69.0	621	1.98	1,230
2006	25	14	80.0	1,120	2.10	2,352
2007	25	8	53.0	424	3.75	1,590
2008	15	5	75.0	375	3.90	1,463
2009	**15**	**7**	**69.0**	**483**	**3.39**	**1,637**

1/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

CROP SUMMARY

FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2005-2009 (continued)

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production
	Thousands			Thousands	Dollars	Thousand Dollars
			Popcorn (Pounds)			
2005	76	75	4,200	315,000	0.096	30,240
2006	51	48	4,100	196,800	0.104	20,467
2007	70	69	4,200	289,800	0.144	41,731
2008	62	61	4,500	274,500	0.189	51,881
2009	**62**	**60**	**4,300**	**258,000**	**0.161**	**41,538**
			All Hay (Tons)			
2005	---	650	3.18	2,067	98.50	203,217
2006	---	630	3.36	2,119	98.50	209,165
2007	---	610	2.32	1,416	151.00	213,192
2008	---	590	3.16	1,867	144.00	268,169
2009	**---**	**620**	**2.77**	**1,720**	**124.00**	**213,280**
			Alfalfa Hay (Tons)			
2005	---	340	3.80	1,292	112.00	144,704
2006	---	340	4.10	1,394	110.00	153,340
2007	---	280	2.70	756	172.00	130,032
2008	---	300	4.00	1,200	164.00	196,800
2009	**---**	**300**	**3.60**	**1,080**	**144.00**	**155,520**
			All Other Hay (Tons)			
2005	---	310	2.50	775	75.50	58,513
2006	---	290	2.50	725	77.00	55,825
2007	---	330	2.00	660	126.00	83,160
2008	---	290	2.30	667	107.00	71,369
2009	**---**	**320**	**2.00**	**640**	**90.00**	**57,600**
			Peppermint Oil (Pounds)			
2005	---	11.0	45	495	11.60	5,742
2006	---	12.0	51	612	13.40	8,201
2007	---	7.8	48	374	14.80	5,535
2008	---	6.5	45	293	19.60	5,743
2009	**---**	**8.0**	**54**	**432**	**25.80**	**11,146**
			Spearmint Oil (Pounds)			
2005	---	1.6	45	72	10.60	763
2006	---	1.7	53	90	12.10	1,089
2007	---	1.4	56	78	12.40	967
2008	---	1.4	58	81	15.20	1,231
2009	**---**	**1.5**	**57**	**86**	**16.80**	**1,445**

1/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

CROP SUMMARY

VEGETABLE CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2005-2009

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production
	Acres			Thousands	Dollars	Thousand Dollars
			Cantaloupe for Fresh Market (Cwt.)			
2005	2,600	2,500	155	388	15.70	6,092
2006	2.400	2.200	175	385	15.20	5.852
2007	2,400	2,300	180	414	16.20	6,707
2008	2,400	2,300	200	460	19.80	9,108
2009	**2,400**	**2,200**	**210**	**462**	**15.00**	**6,930**
			Cucumbers for Processing (Tons)			
2005	1,700	1,600	4.10	6.56	163.00	1,069
2006	1,600	1,600	4.44	7.10	312.00	2,215
2007	1,700	1,700	4.30	7.31	348.00	2,544
2008	1,700	1,700	4.30	7.31	350.00	2,559
2009	**1,500**	**1,500**	**6.41**	**9.62**	**366.00**	**3,521**
			Snap Beans for Processing (Tons)			
2005	5,700	5,500	3.13	17.20	183.00	3,140
2006	5,600	5,300	3.18	16.86	193.00	3,249
2007	5,300	5,000	3.15	15.77	200.00	3,158
2008	5,300	4,500	3.11	13.98	212.00	2,959
2009	**4,600**	**4,400**	**3.56**	**15.65**	**209.00**	**3,277**
			Sweet Corn for Fresh Market (Cwt.)			
2005	5,600	5,200	63	328	23.40	7,675
2006	5,700	5,200	62	322	23.80	7,664
2007	5,800	5,400	85	459	22.90	10,511
2008	5,800	5,400	70	378	31.00	11,718
2009	**6,400**	**6,100**	**69**	**421**	**40.00**	**16,840**
			Tomatoes for Fresh Market (Cwt.)			
2005	1,400	1,200	150	180	62.30	11,214
2006	1,200	1,000	110	110	67.00	7,370
2007	1,100	1,000	150	150	81.00	12,150
2008	1,000	900	160	144	94.00	13,536
2009	**1,000**	**800**	**150**	**120**	**80.00**	**9,600**
			Tomatoes for Processing (Tons)			
2005	8,300	7,900	33.73	266.47	84.80	22,597
2006	8,000	7,800	28.91	225.50	89.60	20,205
2007	8,500	8,400	35.00	294.00	94.00	27,636
2008	9,000	8,300	30.00	249.00	100.00	24,900
2009	**9,800**	**9,800**	**32.79**	**321.34**	**113.00**	**36,311**
			Watermelon for Fresh Market (Cwt.)			
2005	7,400	7,300	380	2,774	7.20	19,973
2006	7,500	7,400	370	2,738	9.50	26,011
2007	7,500	7,400	360	2,664	7.60	20,246
2008	7,500	7,200	380	2,736	9.90	27,086
2009	**7,700**	**7,400**	**355**	**2,627**	**9.00**	**23,643**

1/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

CROP SUMMARY

FRUIT CROP SUMMARY: PRODUCTION, PRICE & VALUE
INDIANA, 2005-2009

Year	Total Production	Utilized Production 1/	Price Per Unit 2/	Value of Utilized Production 2/	Production Unit
	Million Pounds		Dollars	Thousand Dollars	
		Apples, Commercial (Pound)			
2005	34.5	26.7	0.285	7,622	Lbs
2006	36.5	32.0	0.290	9,271	
2007	20.0	18.0	0.280	5,045	
2008	23.0	21.5	0.378	8,133	
2009	**30.0**	**27.0**	**0.300**	**8,095**	
		Apples, Fresh Market (Pound)			
2005	---	17.0	0.415	7,055	Lbs
2006	---	20.0	0.429	8,580	
2007	---	10.0	0.450	4,500	
2008	---	15.0	0.500	7,500	
2009	**---**	**19.0**	**0.405**	**7,695**	
		Apples, Processed (Ton)			
2005	---	9.7	117.00	567	Tons
2006	---	12.0	115.00	691	
2007	---	8.0	136.00	545	
2008	---	6.5	195.00	633	
2009	**---**	**8.0**	**100.00**	**400**	
		Blueberries (Pound)			
2005	3.5	3.5	1.220	4,275	Lbs
2006	3.4	3.4	1.480	5,020	
2007	1.6	1.4	1.920	2,690	
2008	3.8	3.8	1.530	5,824	
2009	**3.7**	**3.7**	**1.510**	**5,584**	

1/ Excludes mature fruit not harvested for economic reasons and excess cullage of harvested fruit.
2/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

GRAIN & HAY STOCKS

CORN AND SOYBEANS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2004-2009

Crop Year	Production For Grain	On-Farms				Off-Farms			
		Dec 1	Mar 1 Following	Jun 1 Following	Sep 1 Following	Dec 1	Mar 1 Following	Jun 1 Following	Sep 1 Following
				Thousand Bushels					
				Corn					
2004	929,040	480,000	245,000	145,000	30,000	204,539	173,063	119,553	82,265
2005	888,580	510,000	245,000	135,000	30,000	229,041	208,980	135,570	64,031
2006	844,660	475,000	220,000	110,000	15,000	205,684	180,746	115,665	53,341
2007	980,980	530,000	250,000	120,000	23,000	210,072	192,971	125,712	71,273
2008	873,600	500,000	255,000	130,000	24,000	180,040	149,251	105,305	48,777
2009	**933,660**	**570,000**	**300,000**	**140,000**		**187,234**	**180,804**	**109,844**	
				Soybeans					
2004	284,280	120,000	62,000	20,000	3,300	67,317	39,425	19,563	7,797
2005	263,620	130,000	64,000	32,000	7,100	65,808	46,949	23,842	9,156
2006	284,000	135,000	69,000	29,000	5,000	72,454	51,393	29,189	18,445
2007	220,340	100,000	43,000	14,000	1,700	70,547	52,549	27,287	10,299
2008	244,350	110,000	51,000	12,000	800	65,145	43,874	29,750	5,464
2009	**266,560**	**120,000**	**52,000**	**15,000**		**68,788**	**42,517**	**17,265**	

CORN AND SOYBEANS STOCKS: TOTAL ALL POSITIONS INDIANA, 2004-2009

Crop Year	Production for Grain	Total All Positions			
		December 1	March 1 Following	June 1 Following	September 1 Following
			Thousand Bushels		
			Corn		
2004	929,040	684,539	418,063	264,553	112,265
2005	888,580	739,041	453,980	270,570	94,031
2006	844,660	680,684	400,746	225,665	68,341
2007	980,980	740,072	442,971	245,712	94,273
2008	873,600	680,040	404,251	235,305	72,777
2009	**933,660**	**757,234**	**480,804**	**249,844**	
			Soybeans		
2004	284,280	187,317	101,425	39,563	11,097
2005	263,620	195,808	110,949	55,842	16,256
2006	284,000	207,454	120,393	58,189	23,445
2007	220,340	170,547	95,549	41,287	11,999
2008	244,350	175,145	94,874	41,750	6,264
2009	**266,560**	**188,788**	**94,517**	**32,265**	

GRAIN & HAY STOCKS

SMALL GRAINS STOCKS: ON-FARMS AND OFF-FARMS
INDIANA, 2004-2009

Crop Year	Production	On-Farms				Off-Farms			
		Sep 1	Dec 1	Mar 1 Following	Jun 1 Following	Sep 1	Dec 1	Mar 1 Following	Jun 1 Following
				Thousand Bushels					
				Oats					
2004	900	*	*	*	*	252	174	168	151
2005	621	*	*	*	*	193	185	154	151
2006	1,120	*	*	*	*	215	95	101	125
2007	424	*	*	*	*	116	76	92	87
2008	375	*	*	*	*	127	117	113	107
2009	**483**	*	*	*	*	**92**	**79**	**94**	**99**
				Wheat					
2004	27,280	2,000	800	100	90	18,591	17,736	12,625	6,115
2005	24,480	1,900	900	200	150	26,587	18,942	15,194	10,895
2006	31,280	2,600	1,800	500	100	27,236	23,874	18,456	13,656
2007	20,720	1,000	410	60	15	21,103	17,477	13,547	8,585
2008	38,640	2,500	1,700	1,200	145	26,754	25,572	22,034	17,792
2009	**30,150**	**3,000**	**1,500**	**1,000**	**400**	**31,140**	**30,192**	**31,500**	**28,022**

* Not published.

SMALL GRAINS STOCKS: TOTAL ALL POSITIONS
INDIANA, 2004-2009

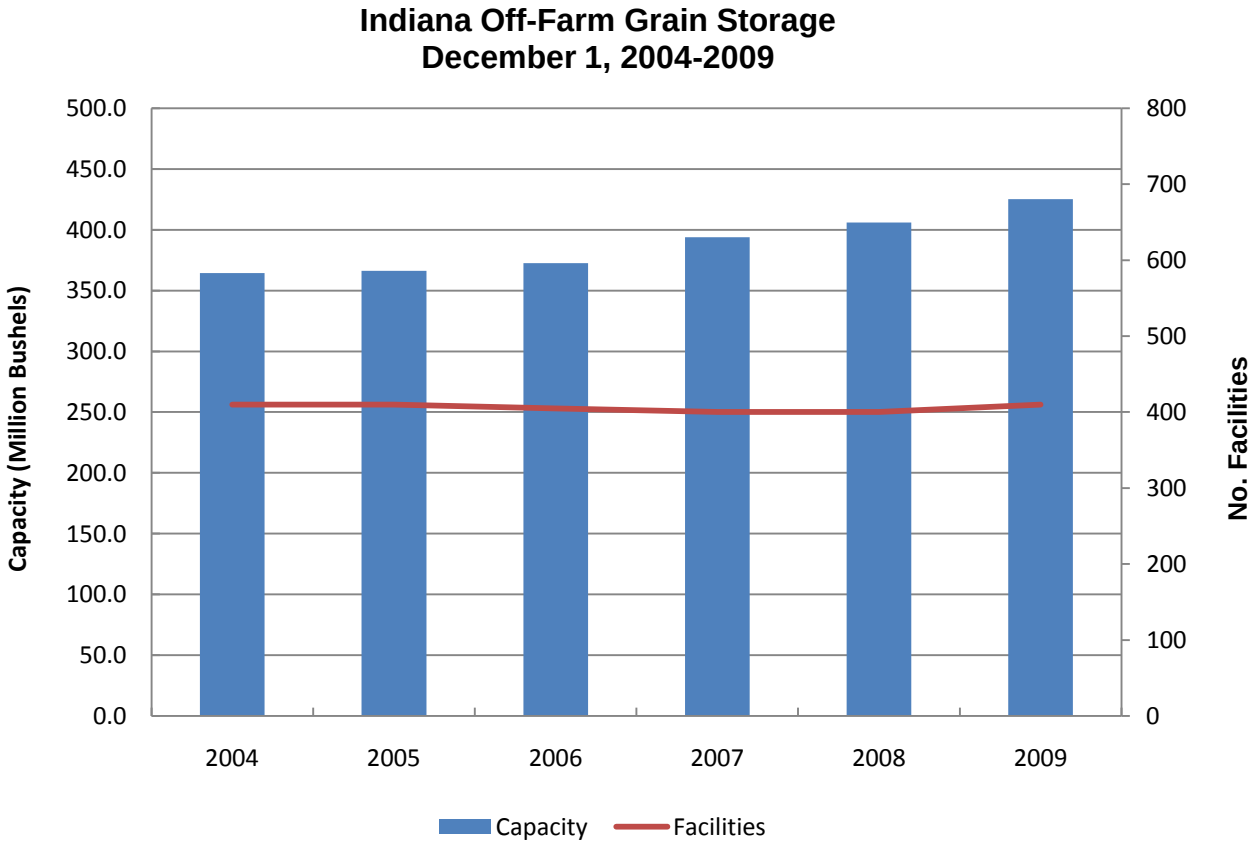
Crop Year	Production	Total All Positions			
		September 1	December 1	March 1 Following	June 1 Following
			Thousand Bushels		
			Oats		
2004	900	*	*	*	*
2005	621	*	*	*	*
2006	1,120	*	*	*	*
2007	424	*	*	*	*
2008	375	*	*	*	*
2009	**483**	*	*	*	*
			Wheat		
2004	27,280	20,591	18,536	12,725	6,205
2005	24,480	28,487	19,842	15,394	11,045
2006	31,280	29,836	25,674	18,956	13,756
2007	20,720	22,103	17,887	13,607	8,600
2008	38,640	29,254	27,272	23,234	17,937
2009	**30,150**	**34,140**	**31,692**	**32,500**	**28,422**

* Not published.

GRAIN & HAY STOCKS

GRAIN STORAGE CAPACITY
INDIANA, DECEMBER 1, 2004-2009

Date	On - Farm Rated Capacity	Off - Farm Rated Capacity	Facilities
	Thousand Bushels		Number
2004	690,000	364,400	410
2005	690,000	366,300	410
2006	690,000	372,600	405
2007	710,000	393,900	400
2008	770,000	406,000	400
2009	**770,000**	**425,200**	**410**



GRAIN & HAY STOCKS

HAY STOCKS: PRODUCTION OF HAY, TOTAL SUPPLY, AND DISAPPEARANCE ON INDIANA FARMS, 2004-2009

Crop Year	All Hay Production	Stocks of Hay on Farms		Total Hay Supply (Production Plus May 1 Carryover)	Disappearance of Hay (Total Supply Minus May Stocks)
		December 1	May 1 Following Year		
			Thousand Tons		
2004	2,303	1,704	345	2,556	2,211
2005	2,067	1,498	207	2,412	2,205
2006	2,119	1,475	198	2,326	2,128
2007	1,416	973	93	1,614	1,521
2008	1,867	1,191	185	1,960	1,775
2009	**1,720**	**1,360**	**198**	**1,905**	**1,707**

"Single Round Hay Bale"
Photographer ~~ Kyle Simpkins
Age 12, Scottsburg, IN

PASTURE CONDITION MONTHLY, INDIANA, 2009

Month	Very Poor	Poor	Fair	Good	Excellent
			Percent		
April	4	9	32	44	11
May	1	3	21	54	21
June	1	4	17	51	27
July	1	5	23	50	21
August	2	7	26	46	19
September	3	10	29	46	12
October	2	9	31	47	11

FARM MARKETINGS

FARM MARKETING OF FIELD CROPS
PERCENT OF OPEN MARKET FARM SALES, BY MARKETING YEAR MONTHS
INDIANA, 2003-2009

Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
						Corn						
2003-04	5	16	12	7	17	8	8	6	3	6	7	5
2004-05	8	21	9	5	11	8	7	4	5	8	7	7
2005-06	8	16	10	5	19	10	8	6	5	4	5	4
2006-07	6	14	16	6	17	6	6	3	6	4	8	8
2007-08	10	16	9	8	20	6	6	6	7	5	4	3
2008-09	**4**	**16**	**11**	**6**	**16**	**7**	**9**	**6**	**7**	**6**	**5**	**7**
						Soybeans						
2003-04	11	32	4	4	16	7	6	4	4	4	5	3
2004-05	22	16	7	6	9	13	8	3	4	5	3	4
2005-06	8	22	4	6	16	7	6	6	6	3	8	8
2006-07	6	22	13	6	16	7	8	4	4	5	4	5
2007-08	14	28	7	5	20	6	6	4	3	3	2	2
2008-09	**8**	**20**	**5**	**6**	**17**	**9**	**10**	**9**	**6**	**3**	**4**	**3**

Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
						Wheat						
2003-04	17	56	11	3	---	---	2	4	2	2	1	2
2004-05	37	26	7	8	2	1	2	3	4	4	1	5
2005-06	13	69	8	5	---	---	1	2	1	---	---	1
2006-07	10	51	10	3	4	1	2	9	4	4	1	1
2007-08	36	50	10	1	---	---	---	2	---	1	---	---
2008-09	**10**	**46**	**6**	**6**	**---**	**1**	**2**	**---**	**4**	**11**	**4**	**3**

ROW SPACING & BIOTECHNOLOGY

CORN FOR GRAIN AND SOYBEANS PLANT POPULATION AND AVERAGE WIDTH INDIANA, 2004-2009 1/

Year	Corn for Grain				Soybeans		
	Number of Samples	Average Row Width In Inches	Plants Per Acre	Number of Ears Per Acre	Number of Samples	Average Row Width In Inches	Number of Pods Per 18 Sq. Ft.
2004	172	30.8	26,500	26,050	157	12.8	1,917
2005	174	30.4	25,200	24,650	161	13.7	1,899
2006	161	31.0	26,350	25,750	151	12.7	1,909
2007	171	30.1	27,350	26,800	165	13.9	1,641
2008	202	30.0	28,350	27,700	187	14.0	1,659
2009	**152**	**29.7**	**28,350**	**28,000**	**159**	**14.9**	**1,583**

1/ Data from Objective Yield Survey.

BIOTECHNOLOGY VARIETIES

The National Agricultural Statistics Service conducts the June Agricultural Survey in all States each year. Randomly selected farmers across Indiana are asked if they planted corn or soybean seeds that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

BIOTECHNOLOGY VARIETIES, PERCENT OF ALL PLANTED ACRES INDIANA, 2004-2010

Year	Corn					Soybeans		
	Acres Planted	Insect Resistant (Bt)	Herbicide Resistant	Stacked Gene Varieties	All Biotech Varieties	Acres Planted	Herbicide Resistant	All Biotech Varieties
	(000) Acres	Percent				(000) Acres	Percent	
2004	5,700	11	8	2	21	5,550	87	87
2005	5,900	11	11	4	26	5,400	89	89
2006	5,500	13	15	12	40	5,700	92	92
2007	6,500	12	17	30	59	4,800	94	94
2008	5,700	7	16	55	78	5,450	96	96
2009	5,600	7	17	55	79	5,450	94	94
2010	**6,000**	**7**	**20**	**56**	**83**	**5,300**	**95**	**95**

1/ Data rounds to less than 0.5 percent.

FERTILIZER USAGE

CLASSIFIED FERTILIZER SALES
INDIANA, 2004-2009 1/

Year by Seasons 2/	Total Tons Fertilizer	Tons Based on Actual Nutrients		
		N	P_2O_5	K_2O
2004 Fall	794,328	111,834	89,709	195,927
2005 Spring	1,724,345	474,556	143,012	212,304
2004-2005 Total	2,518,673	586,390	232,721	408,231
2005 Fall	675,784	105,007	73,894	154,820
2006 Spring	1,547,352	401,612	117,444	198,579
2005-2006 Total	2,223,136	506,619	191,338	353,399
2006 Fall	518,936	83,063	54,595	116,662
2007 Spring	1,838,192	475,440	144,306	242,425
2006-2007 Total	2,357,128	558,503	198,901	359,087
2007 Fall	887,835	136,548	95,732	210,806
2008 Spring	1,514,557	408,811	114,101	179,979
2007-2008 Total	2,402,392	545,359	209,833	390,785
2008 Fall	698,743	127,512	64,651	139,267
2009 Spring	1,398,276	409,712	99,626	137,020
2008-2009 Total	2,097,019	537,224	164,277	276,287
2009 Fall	773,940	133,945	83,483	153,957

1/ Data from Indiana State Chemist, Department of Biochemistry, Purdue University.
2/ The spring season includes January 1 through June 30 and the fall season includes July 1 through December 31.

"Green Fried Tomatoes"
Photographer ~~ Zachery Turner
Age 14, Howe, IN

CROP PRODUCTION COSTS

CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2008-2009

Item	Corn		Soybeans	
	2008	**2009**	2008	**2009**
	Dollars per Planted Acre			
Total, Gross Value of Production (Excluding Direct Government Payments)	686.50	**610.79**	502.58	**498.74**
Operating Costs:				
Seed	61.29	**80.61**	42.98	**53.50**
Fertilizer	146.62	**139.37**	23.42	**22.30**
Soil Conditioners 2/	0.00	**0.00**	0.00	**0.00**
Manure	0.00	**0.00**	0.00	**0.00**
Chemicals	27.68	**30.96**	15.29	**16.76**
Custom Operations 3/	9.80	**10.67**	5.54	**6.03**
Fuel, Lube, and Electricity	32.73	**22.14**	15.82	**10.48**
Repairs	13.46	**13.72**	11.25	**11.47**
Interest on Operating Capital	2.16	**0.43**	2.56	**0.17**
Total, Operating Costs	293.74	**297.90**	116.86	**120.71**
Allocated Overhead:				
Hired Labor	1.56	**1.59**	1.23	**1.23**
Opportunity Cost of Unpaid Labor	21.96	**22.44**	15.34	**15.34**
Capital Recovery of Machinery and Equipment	73.02	**77.91**	67.16	**71.65**
Opportunity Cost of Land (rental rate)	123.66	**133.40**	110.67	**127.92**
Taxes and Insurance	7.64	**8.70**	9.51	**10.68**
General Farm Overhead	13.35	**13.61**	14.34	**14.62**
Total, Allocated Overhead	241.19	**257.65**	218.25	**241.44**
Total, Costs Listed	534.93	**555.55**	335.11	**362.15**
Value of Production Less Total Costs Listed	151.57	**55.24**	167.47	**136.58**
Value of Production Less Operating Costs	392.76	**312.89**	385.72	**378.02**
Supporting Information:				
Yield (bushels per planted acre)	158	**169**	46	**51**
Price (dollars per bushel at harvest)	4.34	**3.61**	11.04	**9.86**
Enterprise size (planted acres) 1/	281	**281**	299	**299**
Production Practices 4/ 5/				
Irrigated (percent)	5	**5**	4	**4**
Dryland (percent)	95	**95**	96	**96**

1/ Heartland Region includes: Illinois, Indiana, Iowa, Western Kentucky, Southern and Western Minnesota, North and Central Missouri, Northeastern Nebraska, Western Ohio, and Southeastern North Dakota.
2/ Cost of lime.
3/ Cost of custom operations, technical services and commercial drying.
4/ Corn: For survey base year 2001.
5/ Soybeans: For survey base year 2002.

Source: Economic Research Service